

NDDOT APPROVED ABBREVIATIONS

abn - abandoned	CSP - corrugated steel pipe	frt - front	max - maximum	SE - superelevation
abut - abutment	Co - County	FF - front face	MC - meander corner	SS - supplemental specification
ac - acres	Ct - Court	F Disp - fuel dispenser	meas - measure	supp - supplemental
adj - adjusted	C - coulomb	FFP - fuel filler pipes	mdn - median	surf - surfacing
agr - aggregate	crse - course	FLS - fuel leak sensors	MD - median drain	surv - survey
ahd - ahead	C Gr - course gravel	furn - furnish/ed	RR - railroad	SI - System International
align - alignment	CS - course sand	gal - gallon	rlwy - railway	sym - symmetrical
al - alley	XArm - cross arm	galv - galvanized	qty - quantity	tan - tangent
alt - alternate	XBuck - cross buck	Os L - gas line	qtr - quarter	T - tangent (semi)
alum - aluminum	XSec - cross sections	Gs V - gas valve	R (or rad) - radius	TS - tangent to spiral
A - ampere	Xing - crossing	GVP - gas vent pipe	RC - rapid curing	tel - telephone
& - and	crn - crown	GV - gate valve	rec - record	Tel P - telephone pole
appr - approach	CF - cubic feet	ga - gauge	rccy - recycle	tv - television
approx - approximate	m3 - cubic meter	geod - geodetic	RPCC - recycled Portland cement concrete	TBM - temporary bench mark
ACP - asbestos cement pipe	m3/s - cubic meters per second	GIS - Geographical Information System	ref - reference	temp - temporary/temperature
aspht - asphalt	CY - cubic yard	GPS - Global Positioning System	RM - reference monument	T - tesla
AC - asphalt cement	CY/Mi - cubic yards per mile	grd - graded/grade	refl - reflectorized	T/Mi - tons per mile
@ - at	culv - culvert	gr - gravel	RCB - reinforced concrete box	ts - topsoil
atten - attenuation	C&G - curb & gutter	grnd - ground	RCES - reinforced concrete end section	T and TWP - township
Ave - Avenue	CI - curb inlet	GWM - ground water monitor	RCP - reinforced concrete pipe	traf - traffic
avg - average	CR - curb ramp	gdrl - guardrail	RCPS - reinforced concrete pipe sewer	TSC - traffic signal controller
ADT - average daily traffic	CS - curve to spiral	gtr - gutter	reinf - reinforcement	tr - trail
az - azimuth	c - cut	H Pig - H piling	res - reservation	transf - transformer
bk - back	Dd Ld - dead load	hdwl - headwall	ret - retaining	TB - transit book
BF - back face	defl - deflection	ha - hectare	rev - reverse	TT - transmission tower
bs - backsight	defm - deformed	ht - height	rt - right	trans - transverse/transition
balc - balcony	deg (or D) - degree	HI - height or instrument	R/W - right of way	trav - traverse
barr - barricade	dlnet - delineate	hel - helical	riv - river	TP - traverse point
btry - battery	dlntr - delineator	H - henry	rd - road	typ - typical
brdg - bearing	depr - depression	Hz - hertz	rdbd - roadbed	trtd - treated
BI - beehive inlet	desc - description	HM - high mast	rdwy - roadway	trmt - treatment
beg - begin	det - detail	HP - high pressure	rk - rock	tpl - triple
BM - bench mark	dtr - detour	HPS - high pressure sodium	rt (Rt) - route	TP - turning point
bkwy - bikeway	dia - diameter	hwy - highway	salv - salvage(d)	ugrnd - underground
bit - bituminous	dir - direction	h or hr - hour(s)	sd - sand	USC&G-US Coast & Geodetic Survey
blk - block	dist - distance	hyd - hydrant	Sdy Cl - sandy clay	USGS - US Geologic Survey
Bd Ft - board feet	DM - disturbed material	id - identification	Sdy Cl Lm - sandy clay loam	util - utility
bk - book/back	DB - ditch block	in or " - inch	Sdy Fl - sandy fill	VG - valley gutter
BH - bore hole	DG - ditch grade	ID - inside diameter	Sdy Lm - sandy loam	vap - vapor
BS - both sides	dbl - double	inst - instrument	san - sanitary sewer line	vert - vertical
Bld - Boulevard	dn - down	intchg - interchange	sc - scoria	VCP - vitrified clay pipe
bot - bottom	drwg - drawing	intmdt - intermediate	sec - seconds/section	vol - volt
bdry - boundary	dr - drive	intsctn - intersection	SL - section line	V - volume
BC - brass cap	drwy - driveway	inv - invert	sep - separation	wkwy - walkway
brkwy - breakaway	DI - drop inlet	I Pn - iron pin	seq - sequence	WL - water line
br - bridge	ea - each	IP - iron pipe	serv - service	WM - water main
bdg - building	esmt - easement	IM - iron monument	sh - shale	WMV - water main valve
BLM - Bureau of Land Management	E - East	jt - joint	sht - sheet	WSV - water service valve
BV - butterfly valve	elast - elastomeric	jct - junction	shtng - sheeting	W - watt
byp - bypass	elec - electrical	K - kelvin	shldr - shoulder	wrng - wearing/wiring
C Gdrl - cable guardrail	EDM - electronic distance meter	KN - kilo newton	sw - sidewalk	Wb - weber
calc - calculate	elev (or El) - elevation	kPa - kilo pascal	S - siemens	W - West
cd - candela	ellipt - elliptical	kg - kilogram	SD - sight distance	w/ - with
CIP - cast iron pipe	emb - embankment	kg/m3 - kilogram per cubic meter	sig - signal	w/o - without
CB - catch basin	emuls - emulsion/emulsified	km - kilometer	Si Cl - silt clay	WC - witness corner
CRS - cationic rapid setting	ES - end section	K - Kip(s)	Si Lm - silt loam	WGS - World Geodetic System
C Gd - cattle guard	engr - engineer	LS - Land Surveyor (licensed)	Si Cl Lm - silty clay loam	z - zenith
C to C - center to center	eq - equal	LSIT - Land Surveyor In Training	In - lane	
CL or > - centerline	eq - equation	lat - latitude	lt - left	
cm - centimeter	exc - excavation	lens - lenses	lens - lenses	
ch - chain	ext - existing	lvl - level	pl - place	
Ch Blk - channel block	exp - expansion	LB - level book	P&P - plan and profile	
Ch Ch - channel change	Expy - Expressway	lvng - leveling	pl - plate	
chk - check	E - external of curve	lnt - light	pt - point	
cir - circle	extru - extruded	LP - light pole	PCC - point of compound curve	
cl - class	F - Fahrenheit	ltg - lighting	PC - point of curve	
cl - clay	F - farad	Lig Co - lignite coal	PI - point of intersection	
Cl F - clay fill	FS - far side	Lig SI - lignite slack	PRC - point of reverse curvature	
Cl Hvy - clay heavy	Fed - Federal	LF - linear foot	PT - point of tangent	
Cl Lm - clay loam	FHWA - Federal Highway Administration	liq - liquid	POC - point on curve	
cir - clear	FP - feed point	L - litre	POT - point on tangent	
Cl&Gr - clearing & grubbing	ft - feet/foot	Im - loam	PE - polyethylene	
Co S - coal slack	fn - fence	LC - long chord	PVC - polyvinyl chloride	
comb - combination	Fn P - fence post	long. - longitude	PCC - Portland Cement concrete	
coml - commercial	FO - fiber optic	lp - loop	# (or lb) - pound	
compr - compression	FB - field book	LD - loop detector	PP - power pole	
CADD - computer aided drafting & design	FD - field drive	lm - lumen	preempt - preemption	
conc - concrete	f - fill	lum - luminaire	prefab - prefabricated	
cond - conductor	FS - fine sand	L Sum - lump sum	prfm - preformed	
const - construction	FH - fire hydrant	lx - lux	prep - preparation	
cont - continuous	fl - flange	ML - main line	press. - pressure	
contr - contraction/contractor	fird - flared	M Hr - man hour	PRV - pressure relief valve	
CP - control point	FES - flared end section	MH - manhole	prestr - prestressed	
coord - coordinate	F Bcn - flashing beacon	mkd - marked	pvt - private	
cor - corner	FL - flow line	mkr - marker	PD - private drive	
corr - corrected	ftg - footing	mkg - marking	prod - production/produce	
CAES - corrugated aluminum end section	FM - force main	MA - mast Arm	prog - programmed	
CAP - corrugated aluminum pipe	fs - foresight	matl - material	prop - property	
CMES - corrugated metal end section	fnd - found		Prop Ln - property line	
CMP - corrugated metal pipe	fdn - foundation		pspd - proposed	
CPVCP - corrugated polyvinyl chloride pipe	frac - fractional		Sub Prep - subgrade preparation	
CSES - corrugated steel end section	frwy - freeway		ss - subsoil	

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
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